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EXAMINER

ABRISHAMKAR, KAVEH

ART UNIT PAPER NUMBER

2131

DATE MAILED: 09/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/653,609

Applicant(s)

SLAUGHTER ET AL.

Examiner

Kaveh Abrishamkar

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 31 August 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-68 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-68 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 3 and 4.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. This action is in response to the communication filed on 08/31/2000. Claims 1 – 68 were originally received for consideration. No preliminary amendments for the claims were filed. Claims 1 – 68 are currently being considered.

### ***Information Disclosure Statement***

2. Dated and initialed copies of Applicant's IDS form 1449, Paper No. 3 and Paper No. 4, are attached to this Office action.

### ***Claim Rejections - 35 USC § 102***

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1 – 68 are rejected under 35 U.S.C. 102(e) as being anticipated by Colvin (U.S. Patent 6,044,471).

Regarding claim 1, Colvin discloses:

A method for managing resources provided for clients by services in a distributed computing environment, comprising:

a client obtaining a credential for allowing said client to lease access to a resource provided by a service (column 5 lines 13 - 35);

said client sending a service request message in a data representation language referencing said resource, wherein said service request message includes said credential and specifies a first requested least period (column 5 lines 13 - 35);

said service receiving said service request message (column 5 lines 13 - 35);

examining said credential included in said service request message to determine if said credential is authentic (column 5 lines 39 - 49);

said service granting to said client access to said referenced resource for a first granted lease period if said examining determines said credential is authentic (column 5 lines 50 - 67); and

said service not granting to said client access to said referenced resource if said examining determines the client is not authentic (column 5 lines 64 - 67).

Regarding claim 25, Colvin discloses:

A method for managing resources provided by services in a distributed computing environment, comprising:

receiving from a client a service request message in a data representation language referencing a resource provided by a service, wherein said service request message specifies a first requested lease period and includes a credential for allowing said client lease access to resources provided by said service (column 5 lines 13 - 35);

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examining said credential included in said service request message to determine if said credential is authentic (column 5 lines 39 – 49);

granting to said client access to said reference resource for a first granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not granting to said client access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Regarding claim 37, Colvin discloses:

A distributed computing system, comprising:

a service device (column 5 lines 13 - 35); and

a client device configured to:

obtain a credential for allowing said client device to lease access to a resource provided by said service device (column 5 lines 13 - 35);

send a service request message in a data representation language referencing said resource, wherein said service request message includes said credential and specifies a first requested lease period (column 5 lines 13 – 35);

wherein said service device is configured to:

receive said service request message (column 5 lines 13 – 35);

examine said credential included in said service request message to determine if said credential is authentic (column 5 lines 39 – 49);

grant to said client device access to said referenced resource for a first granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not grant to said client device access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Regarding claim 45, Colvin discloses:

A distributed computing system, comprising:

a client device (column 5 lines 13 – 35); and

a service device comprising a service process executable within said service device, wherein the service device is configured to:

receive from said client device a service request message in a data representation language referencing a resource provided by said service process, wherein said service request message specifies a first requested least period and includes a credential for allowing said client device lease access to resources provided by said service process (column 5 lines 13 – 35);

examine said credential included in said service request message to determine if said credential is authentic (column 5 lines 39 – 49);

grant to said client device access to said referenced resource for a first granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not grant to said client device access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Regarding claim 54, Colvin discloses:

A carrier medium comprising program instructions, wherein the program instructions are computer-executable to implement:

a client obtaining a credential for allowing said client to lease access to a resource provided by a service (column 5 lines 13 - 35);

said client sending a service request message in a data representation language referencing said resource, wherein said service request message includes said credential and specifies a first requested lease period (column 5 lines 13 – 35);

said service receiving said service request message (column 5 lines 13 – 35);

examining said credential included in said service request message to determine if said credential is authentic (column 5 lines 39 – 49);

said service granting to said client access to said referenced resource for a first granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

said service not granting to said client access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Regarding claim 61, Colvin discloses:

A carrier medium comprising program instructions, wherein the program instructions are computer-executable to implement:

receiving from a client a service request message in a data representation language referencing a resource provided by a service, wherein said service request message specifies a first requested lease period and includes a credential for allowing said client lease access to resources provided by said service (column 5 lines 13 – 35);

examining said credential included in said service request message to determine if said credential is authentic (column 5 lines 39 – 49);

granting to said client access to said referenced resource for a first granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not granting to said client access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Claim 2 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

The method as recited in claim 1, further comprising said service sending a service request response message in said data representation language advising said client of said first granted least period, wherein said service request response message includes said credential (column 5 lines 13 – 35).

Claim 8 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:



The method as recited in claim 1, further comprising:

said client sending, prior to said first granted lease period expiring, a least renewal message in said data representation language referencing said resource provided by said service, wherein said lease renewal message includes said credential and specifies a second requested lease period (column 5 lines 50 – 67);

said service receiving, prior to said first granted lease period expiring, said lease renewal message (column 5 lines 50 – 67).

Claim 13 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

The method as recited in claim 1, further comprising:

said client sending a lease cancel message in said data representation language referencing said resource, wherein said lease cancel message includes said credential (column 6 lines 1 – 11);

said service receiving said lease cancel message (column 6 lines 1 – 11);

said service examining said credential included in said lease cancel message to determine if said credential is authentic (column 6 lines 1 – 11);

said service terminating said first granted lease period for accessing said resource if said examining determines said credential is authentic (column 5 line 64 – column 6 line 11);

said service not terminating said first granted lease period for accessing said resource if said examining determines said credential is not authentic (column 5 line 64 – column 6 line 11).

Claim 15 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

The method as recited in claim 1, further comprising said service providing a service advertisement comprising:

a data representation language message schema comprising descriptions of data representation language messages for managing leases of resources provided by said service (column 6 lines 38 – 51); and

an address for said service receiving said data representation language messages for managing leases of resources provided by said service (column 6 lines 38 – 51).

Claim 19 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

The method as recited in claim 1, wherein said obtaining said credential comprises:

said client sending to an authentication service information identifying said client (column 4 line 55 – column 5 line 35); and

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said client receiving from said authentication service said credential (column 4 line 55 – column 5 line 35).

Claim 21 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

The method as recited in claim 1, further comprising terminating said granted access when said first granted lease period expires (column 6 lines 1 – 11).

Claim 22 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

The method as recited in claim 1, wherein said service is a space service comprising a plurality of service advertisements for enabling access by clients to resources provided by a plurality of services, and wherein said resource is a service advertisement for a first service of the plurality of services (column 6 lines 39 – 51).

Claim 23 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

The method as recited in claim 1, wherein said data representation language is eXtensible Markup Language (XML) (column 6 lines 39 – 51).

Claim 24 is rejected as applied above in rejecting claim 1. Furthermore, Colvin discloses:

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The method as recited in claim 1, wherein said first granted lease period is less than or equal to said first requested least period (column 5 lines 50 – 56).

Claim 26 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, further comprising:

said client sending to an authentication service information identifying said client (column 4 line 55 – column 5 line 35); and

said client receiving said credential from said authorization service (column 4 line 55 – column 5 line 35).

Claim 27 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, wherein said examining said credential comprises:

said service sending to an authentication service said credential included in said service request message (column 5 lines 50 – 67); and

said service receiving from said authentication service indication if said credential is authentic (column 5 lines 50 – 67).

Claim 28 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, further comprising sending a service request response message in said data representation language advising said client of said first granted lease period, wherein said service request response message includes said credential (column 5 lines 50 – 67).

Claim 29 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, wherein said receiving and said examining are performed by said service (column 5 lines 13 – 49).

Claim 30 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, wherein said receiving a service request message and said examining said credential are performed by a space service, wherein said space service comprises a plurality of service advertisements for enabling access by clients to resources provided by a plurality of services including said service (column 6 lines 39 – 51); and

wherein said space service obtains said first granted lease period from said service on behalf of said client (column 6 lines 39 – 51).

Claim 31 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25,  
wherein said service comprises a service process and a service message endpoint operatively coupled to said service process and operable to receive request messages from and send response messages to said client in said data representation language (column 5 line 14 – column 6 line 51); and

wherein said receiving a service request message and said sending a service request response message are performed by said service message endpoint on behalf of said service process (column 5 line 14 – column 6 line 51); and

wherein said examining said credential included in said service request message is performed by said service message endpoint (column 5 line 14 – column 6 line 51).

Claim 32 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, further comprising:

receiving from said client, prior to said first granted lease period expiring, a lease renewal message in said data representation language referencing said resource provided by said service, wherein said lease renewal message specifies a second requested lease period and includes said credential (column 5 lines 50 – 67);

granting to said client access to said referenced resource for a second granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not granting to said client access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Claim 34 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, further comprising:

receiving from said client a lease cancel message in said data representation language referencing said resource, wherein said lease cancel message includes said credential (column 6 lines 1 – 11);

examining said credential included in said lease cancel message to determine if said credential is authentic (column 6 lines 1 – 11);

terminating said first granted lease period for accessing said resource if said examining determines said credential is authentic (column 5 line 64 – column 6 line 11);  
and

not terminating said first granted lease period for accessing said resource if said examining determines said credential is not authentic (column 5 line 65 – column 6 line 11).

Claim 35 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, further comprising providing to said client a Uniform Resource Identifier (URI) for sending data representation language messages

for managing leases of resources provided by said service, wherein said service request message is received by said service at said address provided to said client (column 6 lines 38 – 51).

Claim 36 is rejected as applied above in rejecting claim 25. Furthermore, Colvin discloses:

The method as recited in claim 25, wherein said data representation language is eXtensible Markup Language (XML) (column 6 lines 39 – 51).

Claim 38 is rejected as applied above in rejecting claim 37. Furthermore, Colvin discloses:

The system as recited in claim 37, wherein said service device is further configured to send a service request response message in said data representation language advising said client device of said first granted lease period, wherein said service request response message includes said credential (column 5 lines 50 – 67).

Claim 40 is rejected as applied above in rejecting claim 37. Furthermore, Colvin discloses:

The system as recited in claim 37,  
wherein said client device is further configured to send, prior to said first granted lease period expiring, a lease renewal message in said data representation language referencing said resource provided by said service device, wherein said lease renewal



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message includes said credential and specifies a second requested lease period (column 5 lines 50 – 67); and

wherein said service device is further configured to receive, prior to said first granted lease period expiring, said lease renewal message (column 5 lines 50 – 67).

Claim 42 is rejected as applied above in rejecting claim 37. Furthermore, Colvin discloses:

The system as recited in claim 37,

wherein said client device is further configured to send a lease cancel message in said data representation language referencing said resource, wherein said lease cancel message includes said credential (column 6 lines 1 – 11); and

wherein said service device is further configured to:

receive said lease cancel message (column 6 lines 1 – 11);

examine said credential included in said lease cancel message to determine if said credential authentic (column 6 lines 1 – 11);

terminate said first granted lease period lease period for accessing said resource if said examining determines said credential is authentic (column 5 line 64 – column 6 line 11); and

not terminate said first granted lease period for accessing said resource if said examining determines said credential is not authentic (column 5 line 64 – column 6 line 11).

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Claim 43 is rejected as applied above in rejecting claim 37. Furthermore, Colvin discloses:

The system as recited as claim 37, wherein said service device is a space service device comprising a plurality of service advertisements for enabling access by clients to resources provided by a plurality of service devices, and wherein said resource is a service advertisement for a first service device of the plurality of service devices (column 6 lines 39 – 51).

Claim 44 is rejected as applied above in rejecting claim 37. Furthermore, Colvin discloses:

The system as recited in claim 37, wherein said data representation language is eXtensible Markup Language (XML) (column 6 line 39 – 51).

Claim 46 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45, further comprising:  
an authorization service device (column 5 line 14 – column 6 line 51);  
wherein said client device is configured to:  
send to said authentication service device information identifying said client device (column 5 line 14 – column 6 line 51); and  
receive said credential from said authorization service device; and

wherein, in said examining said credential, said service device is further configured to:

send to said authentication service device said credential included in said service request message (column 5 line 14 – column 6 line 51); and

receive from said authentication service device indication if said credential is authentic (column 5 line 14 – column 6 line 51).

Claim 47 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45, wherein said service device is further configured to send a service request response message in said data representation language advising said client of said first granted lease period, wherein said service request response message includes said credential (column 5 lines 50 – 67).

Claim 48 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45,  
wherein said service device is a space service device further comprising:  
a space service process executable within said space service device (column 6 lines 39 – 51); and

a plurality of service advertisements for enabling access by client devices to resources provided by a plurality of service processes including said service process (column 6 lines 39 – 51);

wherein said receiving a service request message and said examining said credential are performed by said space service device (column 6 lines 39 – 51); and

wherein said space service device obtains said first granted lease period from said service device on behalf of said client device (column 6 lines 39 – 51).

Claim 49 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45, wherein said service device comprises a service message endpoint operatively coupled to said service process and operable to receive request messages from and send response messages to said client device in said data representation language (column 5 line 14 – column 6 line 51); and

wherein said receiving a service request message and said sending a service request response message are performed by said service message endpoint on behalf of said service process (column 5 line 14 – column 6 line 51); and

wherein said examining said credential included in said service request message is performed by said service message endpoint (column 5 line 14 – column 6 line 51).

Claim 50 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45, wherein said service device is further configured to:

receive from said client device, prior to said first granted lease period expiring, a lease renewal message in said data representation language referencing said resource provided by said service device, wherein said lease renewal message specifies a second requested lease period and includes said credential (column 5 lines 50 – 67);

grant to said client device access to said referenced resource for a second granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not grant to said client device access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 50 – 67).

Claim 51 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45, wherein said service device is further configured to:

receive from said client device a lease cancel message in said data representation language referencing said resource, wherein said lease cancel message includes said credential (column 6 lines 1 – 11);

examine said credential included in said lease cancel message to determine if said credential is authentic (column 6 lines 1 – 11);

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terminate said first granted lease period for accessing said resource if said examining determines said credential is authentic (column 5 line 64 – column 6 line 11); and

not terminate said first granted lease period for accessing said resource if said examining determines said credential is not authentic (column 5 line 65 – column 6 line 11).

Claim 52 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45, wherein said service device is further configured to provide a client a Uniform Resource Identifier (URI) for sending data representation language messages for managing leases of resources (column 6 lines 38 – 51).

Claim 53 is rejected as applied above in rejecting claim 45. Furthermore, Colvin discloses:

The system as recited in claim 45, wherein said data representation language is eXtensible Markup Language (XML) (column 6 lines 39 – 51).

Claim 55 is rejected as applied above in rejecting claim 54. Furthermore, Colvin discloses:

The carrier medium as recited in claim 54, wherein the program instructions are further computer-executable to implement:

said client sending, prior to said first granted lease period expiring, a lease renewal message in said data representation language referencing said resource provided by said service, wherein said lease renewal message includes said credential and specifies a second requested lease period (column 5 lines 50 – 67); and

said service receiving, prior to said first granted lease period expiring, said lease renewal message (column 5 lines 50 – 67).

Claim 58 is rejected as applied above in rejecting claim 54. Furthermore, Colvin discloses:

The carrier medium as recited in claim 54, wherein the program instructions are further computer-executable to implement:

said client sending a lease cancel message in said data representation language referencing said resource, wherein said lease cancel message includes said credential (column 6 lines 1 – 11);

said service receiving said lease cancel message (column 6 lines 1 – 11);

said service examining said credential included in said lease cancel message to determine if the credential is authentic (column 6 lines 1 - 11);

said service terminating said first granted lease period for accessing said resource if said examining determines said credential is authentic (column 5 line 64 – column 6 line 11); and

said service not terminating said first granted lease period for accessing said resource if said examining determines said credential is not authentic (column 5 line 65 – column 6 line 11).

Claim 59 is rejected as applied above in rejecting claim 54. Furthermore, Colvin discloses:

The carrier medium as recited in claim 54, wherein said service is a space service comprising a plurality of service advertisements for enabling access by clients to resources provided by a plurality of services, and wherein said resource is a service advertisement for a first service of the plurality of services (column 6 lines 39 – 51).

Claim 60 is rejected as applied above in rejecting claim 54. Furthermore, Colvin discloses:

The carrier medium as recited in claim 54, wherein said data representation language is eXtensible Markup Language (XML) (column 6 lines 39 – 51).

Claim 62 is rejected as applied above in rejecting claim 61. Furthermore, Colvin discloses:

The carrier medium as recited in claim 61, further comprising sending a service request response message in said data representation language advising said client of said first granted lease period, wherein said service request response message includes said credential (column 5 lines 50 – 67).



Claim 63 is rejected as applied above in rejecting claim 61. Furthermore, Colvin discloses:

The carrier medium as recited in claim 61, wherein said receiving a service request message and said examining said credential are performed by a space service, wherein said space service comprises a plurality of service advertisements for enabling access by clients to resources provided by a plurality of services including said service (column 6 lines 39 – 51); and

wherein said space service obtains said first granted lease period from said service on behalf of said client (column 6 lines 39 – 51).

Claim 64 is rejected as applied above in rejecting claim 61. Furthermore, Colvin discloses:

The carrier medium as recited in claim 61,

wherein said service comprises a service process and a service message endpoint operatively coupled to said service process and operable to receive request messages from and send response messages to said client in said data representation language (column 5 line 14 – column 6 line 51); and

wherein said receiving a service request message and said sending a service request response message are performed by said service message endpoint on behalf of said service process (column 5 line 14 – column 6 line 51); and

wherein said examining said credential included in said service request message is performed by said service message endpoint (column 5 line 14 – column 6 line 51).

Claim 65 is rejected as applied above in rejecting claim 61. Furthermore, Colvin discloses:

The carrier medium as recited in claim 51, wherein the program instructions are further computer-executable to implement:

receiving from said client, prior to said first granted lease period expiring, a lease renewal message in said data representation language referencing said resource provided by said service, wherein said lease renewal message specifies a second requested lease period and includes said credential (column 5 lines 50 – 67);

granting to said client access to said referenced resource for a second granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not granting to said client access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Claim 66 is rejected as applied above in rejecting claim 61. Furthermore, Colvin discloses:

The carrier medium as recited in claim 61, wherein the program instructions are further computer-executable to implement:

receiving from said client a lease cancel message in said data representation language referencing said resource, wherein said lease cancel message includes said credential (column 6 lines 1 – 11);

examining said credential included in said lease cancel message to determine if said credential is authentic (column 6 lines 1 – 11);

terminating said first granted lease period for accessing said resource if said examining determines said credential is authentic (column 5 line 64 – column 6 line 11);  
and

not terminating said first granted lease period for accessing said resource if said examining determines said credential is not authentic (column 5 line 65 – column 6 line 11).

Claim 67 is rejected as applied above in rejecting claim 61. Furthermore, Colvin discloses:

The carrier medium as recited in claim 61, wherein the program instructions are further computer-executable to implement providing to said client a Uniform Resource

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Identifier (URI) for sending data representation language messages for managing leases of resources provided by said service, wherein said service request message is received by said service at said address provided to said client (column 6 lines 38 – 51).

Claim 68 is rejected as applied above in rejecting claim 61. Furthermore, Colvin discloses:

The carrier medium as recited in claim 61, wherein said data representation language is eXtensible Markup Language (XML) (column 6 lines 39 – 51).

Claim 3 is rejected as applied above in rejecting claim 2. Furthermore, Colvin discloses:

The method as recited in claim 2,

wherein said service comprises a service process and a service message endpoint operatively coupled to said service process and operable to receive request messages from and send response messages to said client in said data representation language (column 5 line 14 – column 6 line 51); and

wherein said receiving a service request message and said sending a service request response message are performed by said service message endpoint on behalf of said service process (column 5 line 14 – column 6 line 51); and

wherein said examining said credential included in said service request message is performed by said service message endpoint (column 5 line 14 – column 6 line 51).

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Claim 5 is rejected as applied above in rejecting claim 2. Furthermore, Colvin discloses:

said client receiving said service request response message (column 5 lines 14 – column 6 line 51);

said client examining said credential included in said service request response message to determine if said credential is the same as said credential included in said service request message sent to said service by said client (column 5 line 14 – column 6 line 51).

Claim 9 is rejected as applied above in rejecting claim 8. Furthermore, Colvin discloses:

The method as recited in claim 8, further comprising:

said service examining said credential included in said lease renewal message to determine if said credential is authentic (column 5 lines 50 – 67);

said service granting to said client access to said referenced resource for a second granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

said service not granting to said client access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Claim 14 is rejected as applied above in rejecting claim 13. Furthermore, Colvin discloses:

The method as recited in claim 13, further comprising:

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said service sending a lease cancel acknowledgement message in said data representation language advising said first granted lease period for accessing said resource is terminated (column 6 lines 1 – 11); and

said client receiving said lease cancel acknowledgement message (column 6 lines 1 – 11).

Claim 16 is rejected as applied above in rejecting claim 15. Furthermore, Colvin discloses:

The method as recited in claim 15, further comprising said client generating said service request message in accordance with a description of said service request message comprised in said descriptions of data representation language messages (column 6 lines 38 – 51).

Claim 17 is rejected as applied above in rejecting claim 15. Furthermore, Colvin discloses:

The method as recited in claim 15, wherein said service request message is sent by said client to said address, and wherein said service request message is received by said service at said address (column 6 lines 38 – 51).

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Claim 18 is rejected as applied above in rejecting claim 15. Furthermore, Colvin discloses:

The method as recited in claim 15, wherein said address is a Uniform Resource Identifier (URI) (column 6 lines 38 – 51).

Claim 20 is rejected as applied above in rejecting claim 19. Furthermore, Colvin discloses:

The method as recited in claim 19, wherein said examining said credential included in said service request message comprises:

said service sending to said authentication service said credential included in said service request message (column 5 lines 50 – 67); and

said service receiving from said authentication service indication if said credential is authentic (column 5 lines 50 – 67).

Claim 33 is rejected as applied above in rejecting claim 32. Furthermore, Colvin discloses:

The method of claim 32, further comprising sending a lease renewal response message in said data representation language advising said client of said second granted lease period, where said lease renewal response message includes said credential (column 5 lines 50 – 67).

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Claim 39 is rejected as applied above in rejecting claim 38. Furthermore, Colvin discloses:

The system as recited in claim 38, wherein said client device is further configured to:

receive said service request response message (column 5 lines 50 – 67); and  
examine said credential included in said service request response message to determine if said credential is the same as said credential included in said service request message sent to said service device by said client device (column 5 lines 50 – 67).

Claim 41 is rejected as applied above in rejecting claim 40. Furthermore, Colvin discloses:

examine said credential included in said lease renewal message to determine if said credential is authentic (column 5 lines 50 – 67);

grant to said client device access to said referenced resource for a second granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

not grant to said client device access to said referenced resources if said examining determines said credential is not authentic (column 5 line 64 – column 6 line 11).



Claim 56 is rejected as applied above in rejecting claim 55. Furthermore, Colvin discloses:

The carrier medium as recited in claim 55, wherein the program instructions are further computer-executable to implement:

said service examining said credential included in said lease renewal message to determine if said credential is authentic (column 5 lines 50 – 67);

said service granting to said client access to said referenced resource for a second granted lease period if said examining determines said credential is authentic (column 5 lines 50 – 67); and

said service not granting to said client access to said referenced resource if said examining determines said credential is not authentic (column 5 lines 64 – 67).

Claim 4 is rejected as applied above in rejecting claim 3. Furthermore, Colvin discloses:

The method as recited in claim 3, wherein said credential is included in said service request response message by said service message endpoint (column 5 line 14 – column 6 line 51).

Claim 6 is rejected as applied above in rejecting claim 5. Furthermore, Colvin discloses:

The method as recited in claim 5,  
wherein said client comprises a client process and a client message endpoint operatively coupled to said client process and operable to send request messages to

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and receive response messages from said service in said data representation language (column 5 line 14 – column 6 line 51);

wherein said sending a service request message and said receiving said service request response message are performed by said client message endpoint on behalf of said client process (column 5 line 14 – column 6 line 51); and

wherein said credential is included in said service request message by said client message endpoint (column 5 line 14 – column 6 line 51).

Claim 10 is rejected as applied above in rejecting claim 9. Furthermore, Colvin discloses:

The method as recited in claim 9, wherein said examining said credential included in said lease renewal message by said service comprises comparing said credential included in said lease renewal message with said credential included in said service request message, wherein said credential included in said lease renewal message is determined to be authentic if identical to said credential included in said service request message (column 5 lines 50 – 67).

Claim 11 is rejected as applied above in rejecting claim 9. Furthermore, Colvin discloses:

The method as recited in claim 9, further comprising said service sending a lease renewal response message in said data representation language advising said client of

said second granted lease period, wherein said lease renewal response message includes said credential (column 5 lines 50 – 67).

Claim 57 is rejected as applied above in rejecting claim 56. Furthermore, Colvin discloses:

The carrier medium as recited in claim 56, wherein the program instructions are further computer-executable to implement:

said service sending a lease renewal response message in said data representation language advising said client of said second granted lease period, wherein said lease renewal response message includes said credential (column 5 lines 50 – 67);

said client receiving said lease renewal response message (column 5 lines 50 – 67); and

said client examining said credential included in said lease renewal response message to determine if said credential is the same as said credential included in said lease renewal message sent to said service (column 5 lines 50 – 67).

Claim 7 is rejected as applied above in rejecting claim 6. Furthermore, Colvin discloses:

The method as recited in claim 6, wherein said examining said credential included in said service request response message is performed by said client message endpoint (column 5 line 14 – column 6 line 51).

Claim 12 is rejected as applied above in rejecting claim 11. Furthermore, Colvin discloses:

The method as recited in claim 11, further comprising:

said client receiving said lease renewal response message (column 5 lines 50 – 67);

said client examining said credential included in said lease renewal response message to determine if said credential is the same as said credential included in said lease renewal message sent to said service (column 5 lines 50 – 67).

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kaveh Abrishamkar whose telephone number is 703-305-8892. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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KA  
09/17/2004

  
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